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Rev. 04/01

Docket No. LM-003



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Philip T. Dempster
Application No.: 10/036,161 Confirmation No.: 3996
Filed: : December 31, 2001
For: : CALIBRATION METHODS AND APPARATUS FOR
PLETHYSMOGRAPHIC MEASUREMENT CHAMBERS
Group Art Unit : 2851

Hon. Commissioner
for Patents
Washington, D.C. 20231

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TRANSMITTAL LETTER FOR
INFORMATION DISCLOSURE STATEMENT

Sir:

Transmitted herewith is an Information Disclosure
Statement in the above-identified application. This
Statement is submitted:

- ☐ [] within three months of the application filing date;
- ☒ [X] more than three months from the application filing date but before the mailing date of the first Office Action on the merits.

In accordance with 37 C.F.R. § 1.97, submission of
this Statement requires no fee. However, if for any reason
a fee is due, the Director is hereby authorized to charge
payment of any fees required in connection with this
Information Disclosure Statement to Deposit Account

No. 06-1075. A duplicate copy of this letter is transmitted herewith.

Respectfully submitted,



Douglas A. Oguss
Reg. No. 48,469
Agent for Applicant

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 PLETHYSMOGRAPHIC MEASUREMENT CHAMBERS
 Group Art Unit : 2851

Hon. Commissioner
 for Patents
 c/o P.O. Box 2327
 Arlington, VA 22202

INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to 37 C.F.R. §§ 1.56, 1.97 and 1.98,
 applicant hereby makes the following documents of record in
 the above identified application: *

U.S. Patents

5,620,005	04/1997	Ganshorn
5,450,750	09/1995	Abler
5,379,777	01/1995	Lomask
5,105,825	04/1992	Dempster
4,888,718	12/1989	Furuse
4,640,130	02/1987	Sheng et al.
4,369,652	01/1983	Gundlach
4,184,371	01/1980	Brachet

* Applicant reserves the right to challenge the status of any
 of the cited documents as prior art.

Other Documents

Bailey et al., "Test-Retest Reliability of Body Fat Percentage Results Using Dual Energy X-Ray Absorptiometry and the BOD POD," *Presented at the American College of Sports Medicine 48th Annual Meeting, May 30-June 2, 2001 in Baltimore, Maryland* (abstract only).

Biaggi et al., "Comparison of Air-Displacement Plethysmography with Hydrostatic Weighing and Bioelectrical Impedance Analysis for the Assessment of Body Composition in Healthy Adults 1-3," *American Journal of Clinical Nutrition* vol. 69: pp. 898-903 (1999).

Dempster et al., "A New Air Displacement Method for the Determination of Human Body Composition," *Med Sci Sports Exerc.* 1995 Dec; 27(12): 1692-7.

Dewit et al., "Whole Body Air Displacement Plethysmography Compared with Hydrodensitometry for Body Composition Analysis," *Archives of Disease in Childhood* vol. 82 no. 2: pp. 159-164 (February 2000).

Ellis et al., "Can Air-Displacement Plethysmography Replace Hydrodensitometry for Body Composition Analysis in Children and Adults," *Presented at Experimental Biology 2001 in Orlando, Florida* (abstract only).

Fields et al., "Body Composition Techniques and the Four-Compartment Model in Children," *Journal of Applied Physiology* vol. 89: pp. 613-620 (2000).

Gundlach, "The Plethysmometric Measurement of Total Body Volume," *Human Biology* 38(5): pp. 783-799.

Higgins et al., "Effect of Scalp and Facial Hair on Air Displacement Plethysmography Estimates of Percentage Body Fat," *Obes Res* 2001 May; 9(5): 326-330.

http://academic.wsc.edu/hpls/glass_s/onlineped103/chapter4.htm, "What Fat is Linked to; Slides 4, 13-17, 20, 21, 23, 26, 28, 30" (December 26, 2001).

<http://www.geocities.com/HotSprings/5484/thesis/thesis2.htm>, "Chapter II: Review of Literature on Body Composition" (December 26, 2001).

<http://hnrc.tufts.edu>, "Laboratories and Programs: Body Composition Research Program" (December 26, 2001).

<http://www.nal.usda.gov/ttic/tektran/data/000009/27/0000092775.html>, "Tektran Agriculture Research Service: Body Composition in Children and Adults by Air Displacement Plethysmography" (December 26, 2001).

<http://www.coe.uh.edu/~bsekula/pep6301/Ch.%2027%20Mkk.htm>, "Body Composition Assessment" (December 26, 2001).

http://odp.od.nih.gov/consensus/ta/015/015_intro.htm, "State of the Science Statements NIH Consensus Development Program: Bioelectrical Impedance Analysis in Body Composition Measurement - December 12-14, 1994: 15. Bioelectrical Impedance Analysis in Body Composition Measurement" (December 26, 2001).

<http://brc.montana.edu/olympics/physiology/pb03.html>, "Physiology & Psychology Performance Benchmarks: Body Composition and Body Mass" (December 26, 2001).

LeCheminant et al., "Differences in Body Fat Percentage Measured Using Dual Energy X-Ray Absorptiometry and the BOD POD in 100 Women," *Presented at the American College of Sports Medicine 48th Annual Meeting, May 30-June 2, 2001 in Baltimore, Maryland* (abstract only).

Lockner et al, "Comparison of Air-Displacement Plethysmography, Hydrodensitometry, and Dual X-ray Absorptiometry for Assessing Body Composition of Children 10 to 18 Years of Age," *Annals of the New York Academy of Sciences* vol. 904 - *In Vivo Body Composition Studies*: pp. 72-78 (May 2000).

Maddalozzo et al., "Concurrent Validity of the BOD POD and Dual Energy X-Ray Absorptiometry Techniques for Assessing the Body Fat Percentage in Young Women," *Presented at the American College of Sports Medicine 48th Annual Meeting, May 30-June 2, 2001 in Baltimore, Maryland* (abstract only).

McCrory et al., "Evaluation of a New Air Displacement Plethysmograph for Measuring Human Body Composition," *Med Sci Sports Exerc.* 1995 Dec; 27(12): 1686-91.

McCrory et al., "Comparison of Methods for Measuring Body Composition Responses to Progressive Resistance Training in Hispanic Elders with Type 2 Diabetes," *Presented at Experimental Biology 2001 in Orlando, Florida* (abstract only).

Miyatake et al., "A New Air Displacement Plethysmograph for the Determination of Japanese Body Composition," *Diabetes Obes Metab* 1999 Nov; 1(6): 347-51.

Nicholson et al., "Estimation of Body Fatness by Air Displacement Plethysmography in African American and White Children," *Pediatric Research* vol. 50 no. 4: pp. 467-473 (2001).

Nunez et al., "Body Composition in Children and Adults by Air Displacement Plethysmography," *Eur J Clin Nutr.* 1999 May; 53(5): 382-7.

Wagner et al., "Techniques of Body Composition Assessment: A Review of Laboratory and Field Methods," *Research Quarterly for Exercise and Sport*: pp. 135-149 (June 1999).

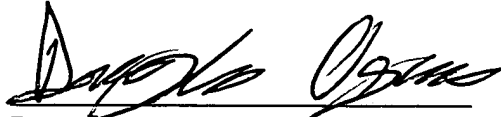
Yee et al., "Calibration and Validation of an Air-Displacement Plethysmography Method for Estimating Percentage Body Fat in an Elderly Population: A Comparison among Compartmental Models 1-3," *American Journal of Clinical Nutrition* vol. 74: pp. 637-642 (2001).

Copies of the aforementioned documents, which are listed on the accompanying Form PTO-1449 (submitted in duplicate), are enclosed herewith.

It is respectfully requested that these documents be (1) fully considered by the Patent and Trademark Office during the examination of this application; and (2) printed on any patent that may issue on this application. Applicant requests that a copy of Form PTO-1449 (submitted in duplicate herewith), as considered and initialed by the Examiner, be returned with the next communication.

An early and favorable action is respectfully requested.

Respectfully submitted,



Douglas A. Oguss
Reg. No. 48,469
Agent for Applicant

I hereby Certify that this
Correspondence is being
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Class Mail in an Envelope
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